

**Chloride by Automated Ferricyanide Method****SM 4500 Cl<sup>-</sup> E – 1997 (2011)**

*ADDITIONAL QC REQUIREMENTS FOR THIS METHOD: Certified or Accredited laboratories using this method are assessed to applicable requirements of SM 1020 and SM 4020.*

Facility Name: \_\_\_\_\_ LAB ID: \_\_\_\_\_  
 Assessor \_\_\_\_\_ Analyst \_\_\_\_\_ Inspection \_\_\_\_\_  
 Name: \_\_\_\_\_ Name: \_\_\_\_\_ Date: \_\_\_\_\_

Relevant Aspect of Standards	Method Reference	Y	N	N/A	Comments
Records Examined: SOP Number/Revision/Date: _____ Analyst: _____					
Sample ID: _____ Date of Sample Preparation: _____ Date of Analysis: _____					
1) Is particulate matter removed by filtration or centrifugation before analysis?	4500-Cl E.1.b				
2) Are the stock mercuric thiocyanate and stock ferric nitrate solutions filtered and the latter stored in an amber bottle?	4500-Cl E.3.a,b				
3) Is a 480 nm filter used in the automated equipment?	4500-Cl E.2.b				
4) Is a manifold set up as specified in figure 4500-Cl E:2?	4500-Cl E.4				
5) Is a standard curve plotted using the response of standards processed through the manifold against the chloride concentrations of the standards?	4500-Cl E.5				

Notes/Comments:  
 QC 1020 B and 4020 B